

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Gustafsson *et al.*

Confirmation No: 5349

Application No.: 10/566,954

Art Unit: 1631

Filed: January 31, 2006

Examiner: Michael L. Borin

For: SYSTEMS AND METHODS FOR
ANTIBODY ENGINEERING

Attorney Docket: 11548-003-999

AMENDMENT UNDER 37 C.F.R. § 1.111

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Sir:

In response to the Office Action mailed February 18, 2009 in connection with the above identified patent application, please enter the following amendments and consider the following remarks.

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims are reflected in the listing of claims which begins on page 3 of this paper.

Remarks begin on page 18 of this paper.

Appendix A which includes a courtesy copy of Liao *et al.*, 2007, "Engineering proteinase K using machine learning and synthetic genes", BMC Biotechnology 7, 16, follows page 29 of this paper.